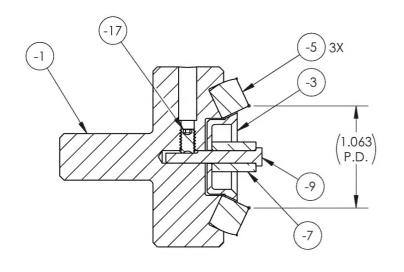
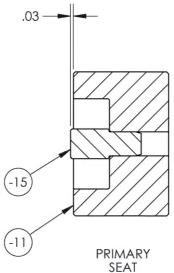
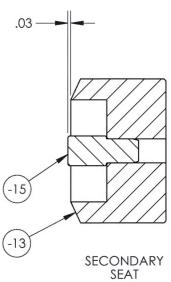
		REVISIONS REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		released for production.	4/6/2017	DPD	JAG









<u>NOTE:</u> USED FOR BEARING 412-010-182-103.

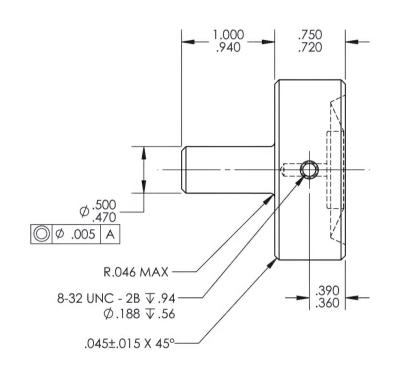
## DART

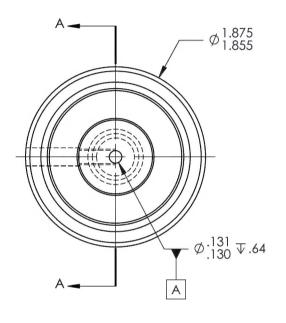
DRILL PRESS SWAGING TOOL

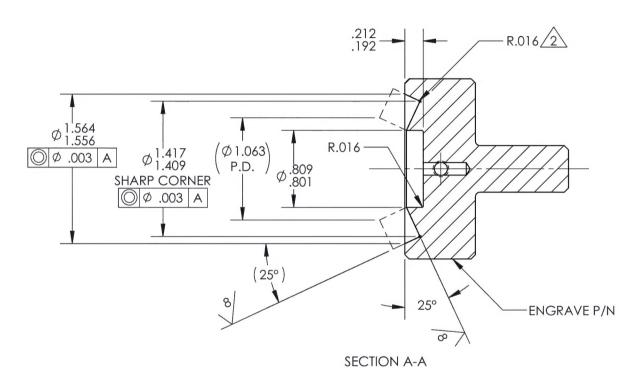
	ASSY QTY	ASSY QTY	В/О	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	DWG NO.	RBS	RBST4241 1 1		
				-1	1	ROLLER FIXTURE	0-1 DRILL ROD		_	MAT'L			ERWISE SPECIFIED S ARE IN INCHES	
				-3	1	RETAINER	BRONZE		3	HEAT TREAT FINISH		.XXX ± .005 FR	ACTIONS ± 1/8	
ĺ				-5	3	ROLLER	STEEL	Ø.031, CLASS ZZ, MINUS (GAUGE PIN MSC #89031009) MODIFIED	4				ANGLES ±.5° SURFACES = 125/	
İ				-7	1	GUIDE	BRONZE		5	SPEC DRAWN BY:	DD 04/05/0047	1. BREAK ALL SHAL .015 x 45° OR .015		
İ				-9	1	PIN	STEEL	Ø.129 X 2-1/2 (MCMASTER-CARR #98378A909) MODIFIED	6	CHECKED:	DD 04/05/2017 SM 04/05/2017	2. DIMENSIONAL LII	MITS APPLY	
				-11	1	PRIMARY SEAT	4140/4142		7	OPPS APPR:	AA 04/05/2017	3. INTERPRET DIM A	AND TOL PER	
İ				-13	1	SECONDARY SEAT	4140/4142		8	QA APPR:	JL 04/05/2017		ON MODEL	
İ				-15	2	LOCATING PIN	1018/1020 CR		9	APPROVED:	JAG 04/06/2017			
İ			В/О	-17	1	SOCKET HEAD SET SCREW	S.S.	#8-32 X 1/4 (MCMASTER-CARR #97705A406)	1	SCALE	1:1 DATE	4/5/2017 S	HEET 1 OF 9	

REVISIONS DATE INITIAL APPROVED REV ECR DESCRIPTION









SCALE

1:1

- 1. BREAK ALL SHARP CORNERS .015-.030
- DIMENSION TO BOTTOM OF R.016=.153;
- DIMENSION TO SHARP CORNER=.158.

  3. DO FIRST ARTICLE INSPECTION BEFORE HEAT TREATING.



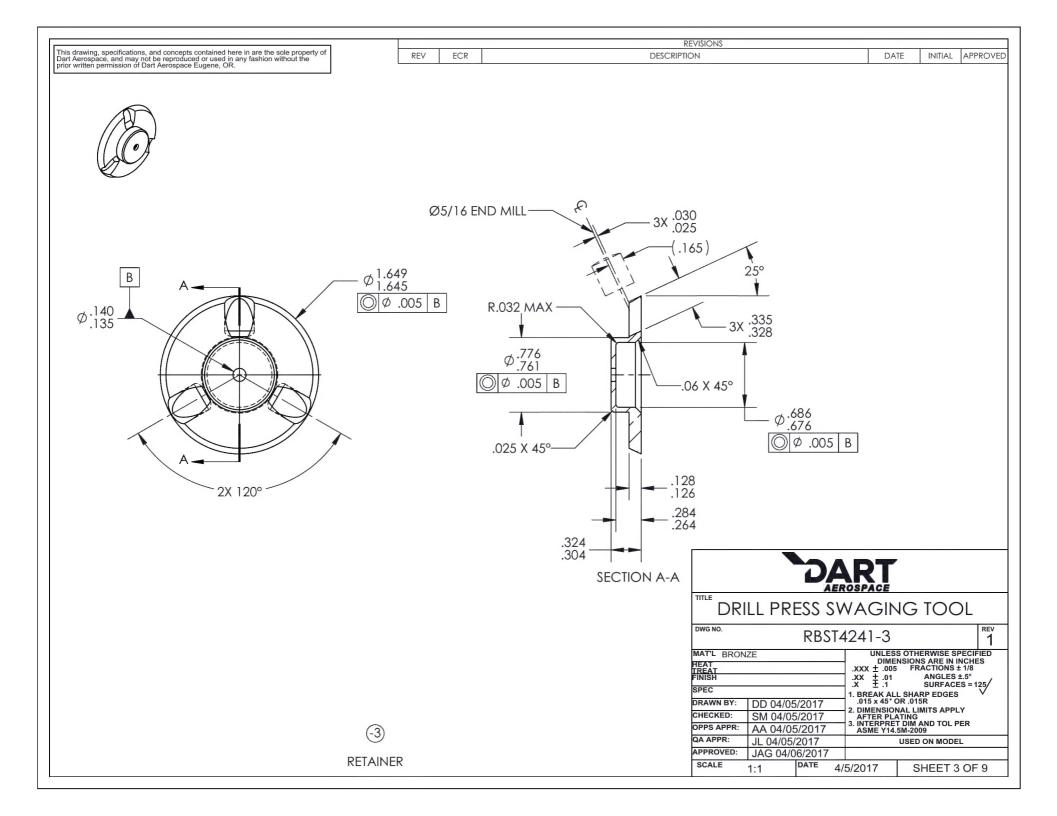
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ± .5°
.X ± .1 SURFACES = 125/
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015 GR
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERRET DIM AND TOL PER
ASME Y14.5M-2009 HEAT RC 55-60
FINISH ZINC PLATE SPEC QMSI-6.2.2, B.O. REV D DRAWN BY: | DD 04/05/2017 CHECKED: SM 04/05/2017 OPPS APPR: AA 04/05/2017 QA APPR: JL 04/05/2017 **USED ON MODEL** APPROVED: JAG 04/06/2017

DATE 4/5/2017

SHEET 2 OF 9

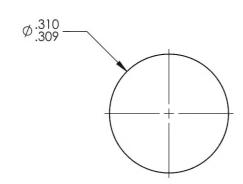
**ROLLER FIXTURE** 

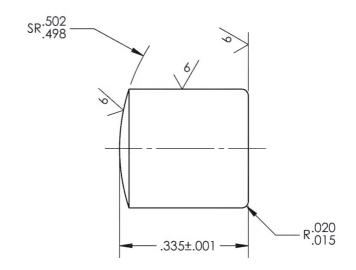
(-1)



REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	







## DART DRILL PRESS SWAGING TOOL

DWG NO. RBST4241-5 MAT'L STEEL UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

.XXX ± .005 FRACTIONS ± 1/8

.XX ± .01 ANGLES ± .5°

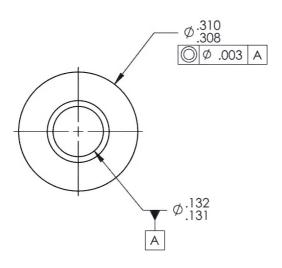
.X ± .1 SURFACES = 125/ HEAT TREAT RC 55-60 FINISH SPEC J. BREAK ALL SHARP EDGES
J. 15 x 45° OR J. 015 x
LIMETS APPLY
AFTER PLATING
J. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009 DRAWN BY: DD 04/05/2017 CHECKED: SM 04/05/2017 OPPS APPR: AA 04/05/2017 QA APPR: JL 04/05/2017 USED ON MODEL APPROVED: JAG 04/06/2017 SCALE DATE 4:1 4/5/2017 SHEET 4 OF 9

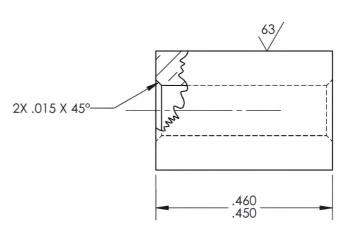
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**ROLLER** 

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED







NOTE:

BREAK ALL SHARP CORNERS .015 - .030.



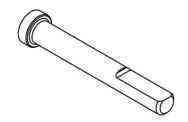
DRILL PRESS SWAGING TOOL

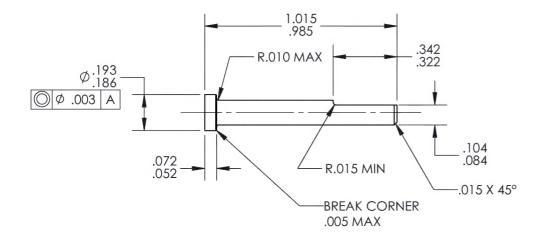
DWG NO. RBST4241-7 MAT'L BRONZE UNLESS OTHERWISE SPECIFIED SURFACES = 125 SPEC 1. BREAK ALL SHARP EDGES .015 x 45 'OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 DRAWN BY: DD 04/05/2017 CHECKED: SM 04/05/2017 OPPS APPR: AA 04/05/2017 QA APPR: JL 04/05/2017 USED ON MODEL APPROVED: JAG 04/06/2017 SCALE DATE 4:1 4/5/2017 SHEET 5 OF 9

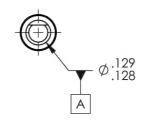
<del>-</del>7

**GUIDE** 

REVISIONS REVISIONS							
	ECR	DESCRIPTION	DATE	INITIAL	APPROVED		







SCALE

2:1



DRILL PRESS SWAGING TOOL

DWG NO. RBST4241-9 MAT'L STEEL UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

.XXX ± .005 FRACTIONS ± 1/8

.XX + .01 ANGLES ± .5°

.X ± .1 SURFACES = 125/ HEAT TREAT FINISH BLACK OXIDE SPEC QMSI-6.2.2, B.O. REV D 1. BREAK ALL SHARP EDGES .015 x 45 'OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 DRAWN BY: DD 04/05/2017 CHECKED: SM 04/05/2017 OPPS APPR: AA 04/05/2017 QA APPR: JL 04/05/2017 USED ON MODEL APPROVED: JAG 04/06/2017

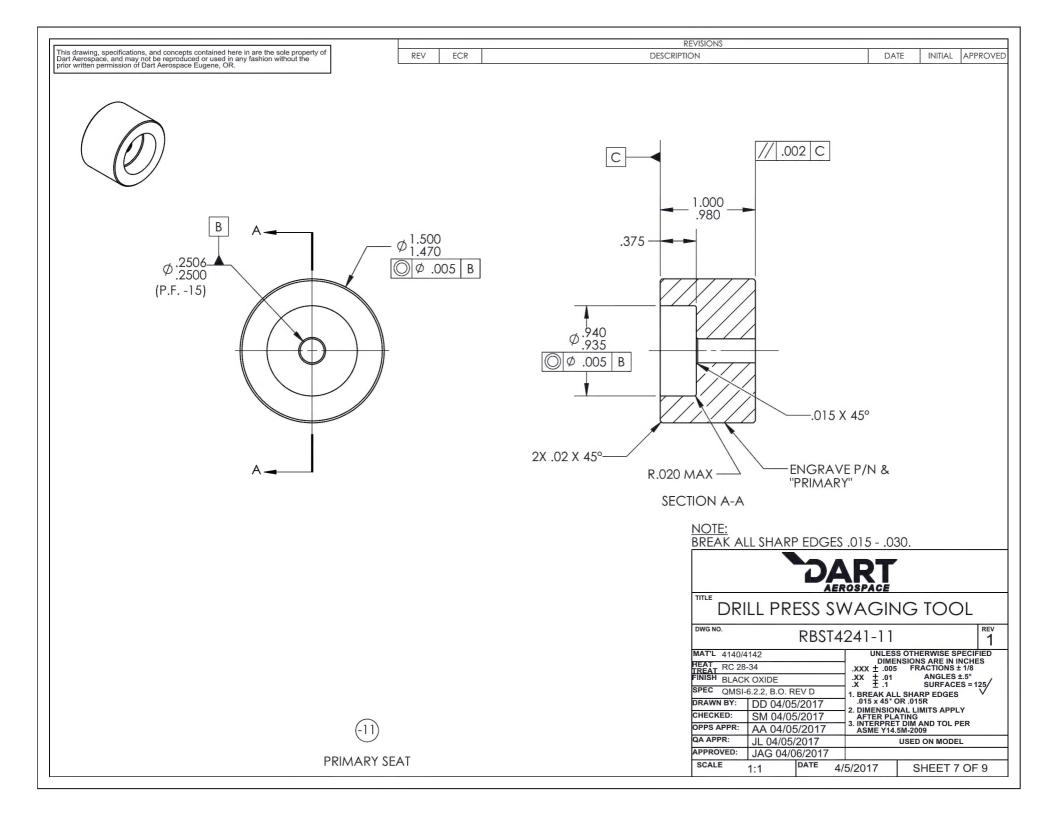
4/5/2017

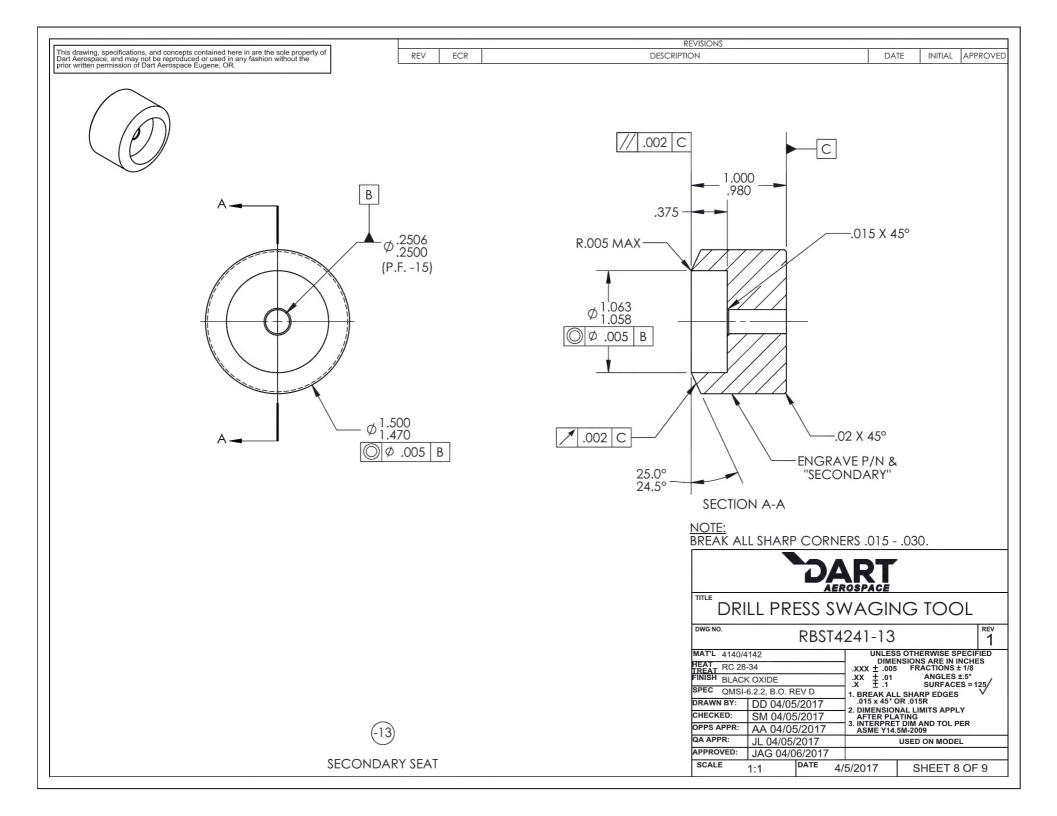
SHEET 6 OF 9

DATE

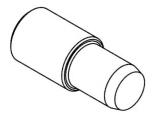
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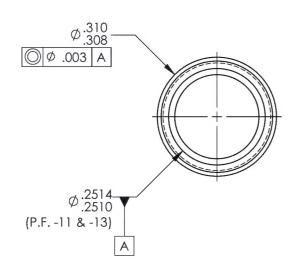


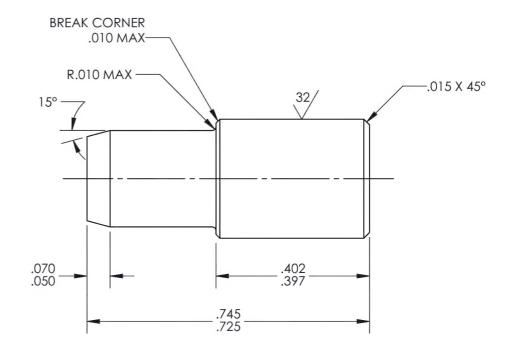




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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED









LOCATING PIN

